

STATE OF SOUTH CAROLINA )  
COUNTY OF HAMPTON )

IN THE COURT OF COMMON PLEAS

Richard Lightsey, LeBrian Cleckley, )  
Phillip Cooper, et al., on behalf of )  
themselves and all others similarly )  
situated, )

Plaintiffs, )

CASE NO.: 2017-CP-25-335

v. )

South Carolina Electric & Gas )  
Company, a Wholly Owned )  
Subsidiary of SCANA, SCANA )  
Corporation, and the State of )  
South Carolina, )

Defendants, )

South Carolina Office of Regulatory )  
Staff, )

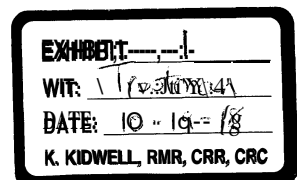
Intervenor. )

**THE PUBLIC SERVICE COMMISSION  
OF SOUTH CAROLINA  
DOCKET NOS. 2017-207-E, 2017-305-E, AND 2017-370-E**

**IN RE:** Friends of the Earth and Sierra Club, )  
Complainant/Petitioner v. South Carolina )  
Electric & Gas Company, )  
Defendant/Respondent )

**IN RE:** Request of the South Carolina Office of )  
Regulatory Staff for Rate Relief to SCE&G )  
Rates Pursuant to S.C. Code Ann. § 58-27- )  
920 )

**IN RE:** Joint Application and Petition of South )  
Carolina Electric & Gas Company and )  
Dominion Energy, Incorporated for Review )  
and Approval of a Proposed Business )



Combination between SCANA Corporation )  
and Dominion Energy, Incorporated, as May )  
Be Required, and for a Prudency )  
Determination Regarding the Abandonment )  
of the V.C. Summer Units 2 & 3 Project )  
and Associated Customer Benefits and Cost )  
Recovery Plans )

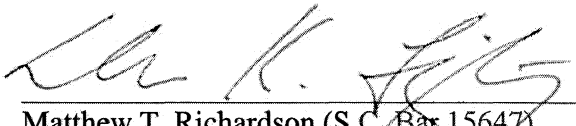
**NOTICE OF DEPOSITION OF TY TROUTMAN**

**TO: ROBERT GILMORE, ESQUIRE, AS COUNSEL FORTY TROUTMAN**

**YOU WILL PLEASE TAKE NOTICE** that the undersigned attorneys for the Office of Regulatory Staff ("ORS"), in the above entitled action will take the videotaped deposition of Ty Troutman on October 19, 2018, beginning at 10:00 a.m. at Stein Mitchell Cipollone Beato & Missner LLP, 901 15th Street, NW, Suite 700 Washington, DC 20005, before a Notary Public, or before some other officer authorized by law to take depositions, and shall be videotaped.

The oral examination will continue from day to day until completed. This deposition is being taken for the purpose of discovery, for use at trial, or for such other purposes as are permitted under South Carolina Rules of Civil Procedure in such cases.

Respectfully submitted this 2 (of September, 2018.



Matthew T. Richardson (S.C. Bar 15647)

Wallace K. Lightsey (S.C. Bar 6476)

Camden N. Massingill (S.C. Bar 101319)

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**CERTIFICATE OF SERVICE**

I, the undersigned attorney of the firm Wyche, P.A., do hereby certify that on the 2 day of September, 2018, a true and complete copy of Notice of Deposition of Ty Troutman was served via electronic service pursuant to the Case Management Order and sending a copy by electronic mail to all counsel of record.

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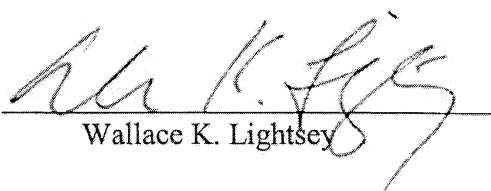
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By:   
Wallace K. Lightsey

## STATE OF SOUTH CAROLINA

ISSUED BY THE CIVIL COURT IN THE COUNTY OF HAMPTON

Richard Lightsey, LeBrian Cleckley, Phillip Cooper, et al.  
on behalf of themselves and all others similarly situated,  
Plaintiffs

v.

## SUBPOENA IN A CIVIL CASE

South Carolina Electric & Gas Company, a Wholly Owned  
Subsidiary of SCANA, SCANA Corporation, and the State  
of South Carolina, Defendants

Case Number: 2017-CP-25-00335

South Carolina Office of Regulatory Staff, Intervenor

Pending in Hampton County

TO: **Ty Troutman, Robert B. Gilmore Stein Mitchell Cipollone Beato & Missner LLP, 90115th Street,  
NW, Suite 700 Washington, DC 20005**

☐ YOU ARE COMMANDED to appear in the above named court at the place, and time specified below to  
testify in the above case.

PLACE OF TESTIMONY

COURTROOM

DATE AND TIME

AM

☒ YOU ARE COMMANDED to appear at the place, date, and time specified below to testify at the taking of a  
deposition in the above case.

PLACE OF DEPOSITION

**Stein Mitchell Cipollone Beato & Missner LLP 901  
15th Street, NW, Suite 700  
Washington DC 20005**

DATE AND TIME **October 19, 2018, 10:00 AM**

☐ YOU ARE COMMANDED to produce and permit inspection and copying of the following documents or  
objects in your possession, custody or control at the place, date and time specified below (list documents of  
objects:

PLACE

DATE AND TIME

AM

TW E A M

☐ YOU ARE COMMANDED to permit inspection of the following premises at the date and time specified below.

PREMISES

DATE AND TIME

AM

ANY SUBPOENAED ORGANIZATION NOT A PARTY TO THIS IS HEREBY DIRECTED TO RULE 30(b)(6), SOUTH CAROLINA RULES OF  
CIVIL PROCEDURE, TO FILE A DESIGNATION WITH THE COURT SPECIFYING ONE OR MORE OFFICERS, DIRECTORS, OR MANAGING  
AGENTS, OR OTHER PERSONS WHO CONSENT TO TESTIFY ON ITS BEHALF, SHALL SET FORTH, FOR EACH PERSON DESIGNATED,  
THE MATTERS ON WHICH HE WILL TESTIFY OR PRODUCE DOCUMENTS OR THINGS. THE PERSON SO DESIGNATED TESTIFY AS TO  
MATTERS KNOWN OR REASONABLY AVAILABLE TO THE ORGANIZATION

I CERTIFY THAT THE SUBPOENA IS ISSUED IN COMPLIANCE WITH RULE 45(c)(1), AND THAT NOTICE AS REQUIRED BY RULE 45(b)(1)  
HAS BEEN GIVEN TO ALL PARTIES.

Attorney Issuing Officer's Signature

9/21/18

Date

J. Wallace K. Lightsey

Print Name

Indicate if Attorney for Plaintiff or Defendant

Attorney's Address and Telephone Number:

Wyche, PA, 44 E Camperdown Way Greenville SC 29601 (864) 242-8263 Attorney for Defendant

Clerk of Court/Issuing Officer's Signature

Date

Print Name

Pro Se Litigant's Name, Address and Telephone Number:

**PROOF OF SERVICE**

SERVED	DATE	FEES AND MILEAGE TO BE TENDERED TO WITNESS UPON DAILY ARRIVAL <input type="checkbox"/> YES <input type="checkbox"/> NO AMOUNT \$
	PLACE	
SERVED ON		MANNER OF SERVICE
SERVED BY		TITLE

**DECLARATION OF SERVER**

I certify that the foregoing information contained in the Proof of Service is true and correct.

Executed on \_\_\_\_\_

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SIGNATURE OF SERVER

\_\_\_\_\_  
ADDRESS OF SERVER

Rule 45, South Carolina Rules of Civil Procedures, Parts (c) and (d):

**(c) Protection of Persons Subject to Subpoenas.**

(1) A party or an attorney responsible for the issuance and service of a subpoena shall take reasonable steps to avoid imposing undue burden or expense on a person subject to that subpoena. The court on behalf of which the subpoena was issued shall enforce this duty and impose upon the party or attorney in breach of this duty an appropriate sanction, which may include, but is not limited to, lost earnings and a reasonable attorney's fee.

(2)(A) A person commanded to produce and permit inspection and copying of designated electronically stored information, books, papers, documents or tangible things, or inspection of premises need not appear in person at the place of production or inspection unless commanded to appear for deposition, hearing or trial. A party or an attorney responsible for the issuance and service of a subpoena for production of books, papers and documents without a deposition shall provide to another party copies of documents so produced upon written request. The party requesting copies shall pay the reasonable costs of reproduction.

(B) Subject to paragraph (d)(2) of this rule, a person commanded to produce and permit inspection and copying may, within 14 days after service of the subpoena or before the time specified for compliance if such time is less than 14 days after service, serve upon the party or attorney designated in the subpoena written objection to inspection or copying of any or all of the designated materials or of the premises—or to producing electronically stored information in the form or forms requested. If objection is made, the party serving the subpoena shall not be entitled to inspect and copy the materials or inspect the premises except pursuant to an order of the court by which the subpoena was issued. If objection has been made, the party serving the subpoena may, upon notice to the person commanded to produce, move at any time in the court that issued the subpoena for an order to compel the production. Such an order to compel production shall protect any person who is not a party or an officer of a party from significant expense resulting from the inspection and copying commanded.

(3)(A) On timely motion, the court by which a subpoena was issued, or regarding a subpoena commanding appearance at a deposition, or production or inspection directed to a non-party, the court in the county where the non-party resides, is employed or regularly transacts business in person, shall quash or modify the subpoena if it:

(i) fails to allow reasonable time for compliance; or

(ii) requires a person who is not a party nor an officer, director or managing agent of a party, nor a general partner of a partnership that is a party, to travel more than 50 miles from the county where that person resides, is employed or regularly transacts business in person, except that, subject to the provisions of clause (c)(3)(B)(iii) of this rule, such a person may in order to attend trial be commanded to travel from any such place within the state in which the trial is held; or

(iii) requires disclosure of privileged or otherwise protected matter and no exception or waiver applies; or

(iv) subjects a person to undue burden.

(B) If a subpoena:

(i) requires disclosure of a trade secret or other confidential research, development, or commercial information, or

(ii) requires disclosure of an unretained expert's opinion or information not describing specific events or occurrences in dispute and resulting from the expert's study made not at the request of any party, or

SCCA 254 (05/2015)

(See Rule 45, South Carolina Rules of Civil Procedure, Parts (c) & (d) on pages 2 and 3)

(iii) requires a person who is not a party nor an officer, director or managing agent of a party, nor a general partner of a partnership that is a party, to incur substantial expense to travel from the county where that person resides, is employed or regularly transacts business in person, the court may, to protect a person subject to or affected by the subpoena, quash or modify the subpoena or, if the party in whose behalf the subpoena is issued shows a substantial need for the testimony or material that cannot be otherwise met without undue hardship and assures that the person to whom the subpoena is addressed will be reasonably compensated, the court may order appearance or production only upon specified conditions.

**(d) Duties in Responding to Subpoena.**

(1)(A) A person responding to a subpoena to produce documents shall produce them as they are kept in the usual course of business or shall organize and label them to correspond with the categories in the demand.

(B) If a subpoena does not specify the form or forms for producing electronically stored information, a person responding to a subpoena must produce the information in a form or forms in which it is ordinarily maintained or in a reasonably usable form or forms.

(C) A person responding to a subpoena need not produce the same electronically stored information in more than one form.

(D) A person responding to a subpoena need not provide discovery of electronically stored information from sources that the person identifies as not reasonably accessible because of undue burden or cost. On motion to compel discovery or to quash, the person from whom discovery is sought must show that the information sought is not reasonably accessible because of undue burden or cost. If that showing is made, the court may nonetheless order discovery from such sources if the requesting party shows good cause, considering the limitations of Rule 26(b)(6)(B). The court may specify conditions for the discovery.

(2)(A) When information subject to a subpoena is withheld on a claim that it is privileged or subject to protection as trial preparation materials, the claim shall be made expressly and shall be supported by a description of the nature of the documents, communications, or things not produced that is sufficient to enable the demanding party to contest the claim.

(B) If information produced in response to a subpoena is subject to a claim of privilege or of protection as trial preparation material, the person making the claim may notify any party that received the information of the claim and the basis for it. After being notified, a party must promptly return, sequester, or destroy the specified information and any copies it has and may not use or disclose the information until the claim is resolved. A receiving party may promptly present the information to the court under seal for a determination of the claim. If the receiving party disclosed the information before being notified, the receiving party must take reasonable steps to retrieve the information. The person who produced the information must preserve the information until the claim is resolved.

EXHIBIT 2: Please see Exhibits GCJ - 1 through GCJ 12 attached to ORS Witness Gary Jones' direct testimony filed in 2017-370-E on September 24, 2018



**Date:** July 9, 2015

**Subject:** Summary of Bechtel's V.C. Summer 2 & 3 Management Assessment Scope and Approach

**Reference:** Bechtel's Assessment Proposal, dated February 10, 2015

### Overview

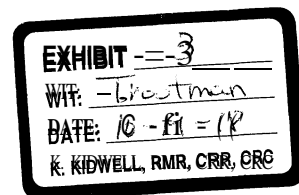
SCANA and Santee Cooper requested Bechtel to perform an overall assessment of the V.C. Summer Units 2 & 3 project (Project) with the objective to assist the Project owners in better understanding the current status and potential challenges as a first step in helping to ensure that the Project is on the most efficient trajectory to completion. The assessment is expected to take eight (8) weeks and will document the identified risks, observations, and recommendations by the Bechtel team in support of the above objective.

### Scope

- a. Evaluate current status of forecasted completion plan for: Design; Licensing; Supply Chain; and Construction
- b. Focus these evaluations on the issues that have caused impacts on the Project to date
- c. Review and comment on the current project management tools and work processes being used to plan and execute the Project
- d. Review and comment on the mitigation plans and/or recovery plans put into place and evaluate their effectiveness to date
- e. Review and comment on the change management processes being used on the Project, through completion and turnover of the units
- f. Develop a Final Report that will contain an overall Executive Summary along with a narrative describing the current status, identified risks, observations, and recommendations for the following Project functions:
  - Project Management
  - Project Controls
  - Engineering
  - Licensing
  - Quality Assurance/Quality Control

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- Supply Chain Management
- Module Construction
- Construction
- Startup

#### **Approach**

- **Data Validation:** During this phase, the team will evaluate the current status of the Project including: Design; Licensing; Supply Chain; and Construction (e.g., scope control, schedule (plan verses actual), staffing (plan verses actual), budget (plan verses actual)). This Phase will take approximately one week after receipt of documents requested. Based on review of the documents received, a more detailed plan for the assessment may be necessary.
- **Interviews:** Bechtel team will interview the SCE&G/Santee Cooper leadership team members to get a good understanding of how the contractors are organized and managed and in gauging the current EPC culture and potential impacts to the execution approach on the Project. The list of the leadership team members in question will be provided at the conclusion of the data validation phase.
- **Functional breakout sessions:** During this period, the Bechtel team will break out by their assigned functional area and work directly with SCE&G/SCANA and Consortium team managers responsible for their respective functions. The Bechtel team will focus on a review of the various tools, documents, and reports and their ability to support the efficient and timely planning, management and completion of the Project.

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**From:** Miller, Richard  
**Sent:** Friday, February 19, 2016 12:02 PM  
**To:** Rau, Carl  
**Subject:** Closing the VCS Work

Carl:  
Got the final payment from SCANA on Tuesday this week. The law firm, SCH, wanted almost everything in the draft report redacted, and the compromise was two reports. I wasn't exactly pleased with what we did as a compromise. We separated all of the schedule assessment and Bechtel's comments on schedule and put that information into a separate report. The assessment that covered PM, , Engineering, Licensing, Procurement, Construction, and Start Up was in one report, Project Controls and the schedule assessment in another report, and neither report made reference to the other report. Several years from now when cost and schedule goes to hell, existence of prior knowledge can be debated I guess.  
Hope all is well. Regards, Dick

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Platts Presentation  
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Rates  
Reports 8

EXHIBIT 51  
WIT: F. (redacted)  
DATE: 10-16-16  
K. KIDWELL, RMR, CRR, CRC

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Add:

From: Blackwell, Bill <Bill.Blackwell@metatek.com>  
 Sent: Tuesday, January 26, 2016 6:56 PM  
 To: Miller, Richard  
 Subject: Re: 2016 Golf [EXTERNAL\*]

Ron did come from Duke. I wasn't sure who he actually reported to. I also know Alan T. Golfed with him many times....back in the day. He actually was at the Masters with us a few times.  
 I know you were in a tuff spot doing the assessment.

Please let me know when you come to Charlotte. (In advance). I would love to have a beer with you. I could also drive to Asheville very easily!

Blaine and Shannon are doing great. They are in the process of buying a home in Baxter (Ft Mill). They have a precious baby girl, Eloise. She is a little over a year old. I'll send a picture. I love her.

Let me know when you come this way...please!

Sent from my iPhone

> On Jan 26, 2016, at 1:14 PM, Miller, Richard <rmiller@bechtel.com> wrote:

>

> Bill:

> Ron Jones works for Jeff Archie, and Ron is listed as their "VP of New Nuclear Operations". I believe Ron came from Duke Power. And of course I didn't mention Alan Torres, as I've known Alan for at least a decade. I golfed with Alan at Sawgrass (and at the Ritz), and then could only interview him while I was conducting the assessment two weeks later. Because of our assessment, I couldn't socialize with any SCANA or Santee Cooper people, and I prevented anyone on the team from socializing. I'm afraid that, in a few years, when the litigation starts that we'll be summoned and have to explain what we found. I didn't want anyone to have to say that they went out with so-and-so,

> And, how's Blaine doing with married life? Are you a grandfather yet?

> I will be in your neck of the woods no later than late February. Rock Hill is two hours from the Asheville abode. I need to be in Charlotte that week.

> Dick

>

> -----Original Message-----

> From: Blackwell, Bill [mailto:Bill.Blackwell@metatek.com]

> Sent: Tuesday, January 26, 2016 12:59 PM

> To: Miller, Richard

> Subject: RE: 2016 Golf [\*EXTERNAL\*]

>

> Yes I plan to be with you guys at the beach. As far as being somewhat connected to the "moral compass" theory.....I don't know about that.

>

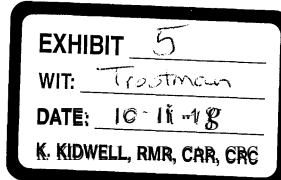
> I'm so very sorry you are doing through your divorce. Just absolutely terrible for you I am sure. I think about you quite often Dick.

>

> I don't know what has happened to our nuclear world. I understand the Duke folks are taking the same approach as some of your customers. It's all about money now. Just as you said, "schedule and quality performance" is dying..... It's all about \$\$\$ and \$\$\$ now!

> I don't know those folks you listed from SCANA. The only guy (VP) is Ron Jones.

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BPC\_VCS\_00010708

>

> Take care my friend. If you are down this way, call me. But give me a couple days notice. I'd love to see you. If that doesn't happen, I'll see you the first of June.

>

> Billy Bob

>

>

> -----Original Message-----

> From: Miller, Richard [mailto:rmiller@bechtel.com]

> Sent: Tuesday, January 26, 2016 9:46 AM

> To: Blackwell, Bill <Bill.Blackwell@metatek.com>

> Subject: RE: 2016 Golf

>

> Hoping you will make plans to be in Myrtle Beach this June. Last year Marty wasn't there, nor were you, so, in Glenn's words, we didn't have a "moral compass". Not sure, but I think things were out of control most of the time.

>

> As for me, I'm surviving, house in NC is finished, costs of divorce are staggering, and for the short term (I hope) work is a bore. All of our nuclear customers have tightened their belts and have publically stated that unless they and their suppliers can cut their costs by 30%, they won't be in business in 5 years. A thirty per cent cut in our costs is an improbable stretch, and schedule and quality performances are not valued as before. Several nuclear plants have just closed their doors, and several others have plans to close in the next two years. VC Summer and Vogtle may very well be the first and last new nuclear plants built in our lifetimes. Both new plant construction schedules and costs are beyond measuring. I managed a ten person team performing an assessment of VCS Units 2&3 construction in Sept/Oct 2015. Owners (SCANA/SCE&G and Santee Cooper) won't even let us mail them a copy of our report. Did you/do you know Marsh, Byrne, or Archie (all from SCANA)?

>

> -----Original Message-----

> From: Blackwell, Bill [mailto:Bill.Blackwell@metatek.com]

> Sent: Tuesday, January 26, 2016 9:17 AM

> To: Miller, Richard

> Subject: Re: 2016 Golf [\*EXTERNAL\*]

>

> I am still an employee of MetalTek. My contract expires 3-31-16. I have not been in the office for 4 years. I only do the entertainment stuff. (Masters, Bristol races and guiding hunts). Two years ago I stopped the Alabama hunting and moved that operation to Cowden Plantation, located in SC. 10000 acres that borders the Savannah River Nuclear Site.

>

> MetalTek management made the decision to drop The Masters and to give our suite up at the Bristol Motor Speedway this past December. (Stupid in my opinion). I had a meeting last week with the VP of the nuclear division to discuss if they are continuing the hunting program. The corporate membership dues to Cowden Plantation are due 4-1-16. I also bought a house a few miles from Cowden to house the guests in while there hunting. The lease on that expires 3-31-16. So.....as you can see, my future with MetalTek will be decided very soon. If they do not renew the Cowden membership.....I will quit.

>

> Now.....that's my story. How the hell are you?

>

> Sent from my iPhone

>

>> On Jan 26, 2016, at 8:32 AM, Miller, Richard <rmiller@bechtel.com> wrote:

>>

>> Are you still working with Metaltek? In your old office?

>>

>> -----Original Message-----

>> From: Blackwell, Bill [mailto:Bill.Blackwell@metatek.com]

>> Sent: Monday, January 25, 2016 1:22 PM

>> To: Martin Gettler; Campbell, Glenn; Reilly, Brian (BSII); Miller, Richard; Abdullah Halici; Jay Goodyear; Bryan Risley; jlewis@furmanite.com

>> Subject: RE: 2016 Golf [\*EXTERNAL\*]

>>

>> Hello all !! Hope everyone is doing good. If it gets moved to the week before 5/18, I'll miss out. I have to be in Arkansas the 11th- 16th. Don't we always do this in June???

>>

>> Jay Goodyear, can you please call me (803) 493-7100

>>

>> -----Original Message-----

>> From: Martin Gettler [mailto:be58baron@morrisbb.net]

>> Sent: Monday, January 25, 2016 11:31 AM

>> To: Glenn Campbell <gwcampbe@bechtel.com>; Brian (Power) Reilly <breilly@bechtel.com>; Dick Miller <rmiller@bechtel.com>; Abdullah Halid <abdullah\_halici@hotmail.com>; Jay Goodyear <jgoodyear@furmanite.com>; Bryan Risley <BryanRisley@AZZ.com>; Blackwell, Bill <Bill.Blackwell@metatek.com>; jlewis@furmanite.com

>> Subject: 2016 Golf

>>

>> Gentlemen,

>> I need your input on dates but I'm tentatively looking at 5/18- 5/22. I think we can move a week earlier but I think the rates are higher. 5/18- 5/22 is during Harley Bike week and Black Bike week starts 5/23. Barefoot also has a seven night minimum for the North Tower starting 5/23. Anyone wanting to start earlier in the week please let me know so I can get one condo starting earlier.

>> Courses- I've asked for a quote using the Dunes, Kings North, one of Barefoot's courses and another non-premium course. Any suggestions on courses are welcome.

>> Ok that's the business side, now the BS can start! I know that Glenn is toughing it out in Southern Ca, Billy Bob could be anywhere and I'm doing hard duty in Naples, so the rest of you enjoy all that snow and ice!

>> Let me know if you got this- too many email addresses change and I wouldn't want to miss anyone!

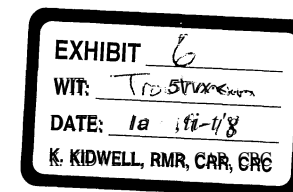
>> Marty

>  
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>  
>

Bechtel

**Observation & Recommendation  
VC Summer Units 2&3 Assessment**

<b>Date:</b> (dd/mm/yy)	10/3/15	<b>Initiator Name:</b>	R. Miller	<b>Team:</b>	Project Management	<b>Topic:</b>	Owner's Lack of Influence on Project Performance
<b>Personnel Interviewed (List by name, title and/or position)</b>							
<b>Documents Reviewed (List by name, rev no., date, etc.)</b>							
<b>Observations</b>							
Owners are reluctant to exercise their contractual rights with the Consortium and as a result there doesn't appear to be any positive or negative consequences to influence project performance							
<b>Recommendations</b>							
<ol style="list-style-type: none"> <li>1) Owner's management team to meet with Consortium, identify the people that the Owner(s) want replaced, and establish the time frames for action</li> <li>2) Identify within the contractual documents those items that can be measured along with the contractual consequences. Meet with Consortium members and create an agreement to perform in accordance with the contractual requirements</li> </ol>							



STATE OF SOUTH CAROLINA

COUNTY OF HAMPTON :

Richard Lightsey, LeBrian Cleckley,  
Phillip Cooper, et al, on behalf of themselves  
and all other similarly situated

Plaintiffs,

v.

South Carolina Electric & Gas Company, a  
Wholly Owned Subsidiary of SCANA, -  
SCANA Corporation, and the State of South  
Carolina

Defendant.

IN THE COURT OF COMMON PLEAS

Case No. 2017-CP-25-0335

**SOUTH CAROLINA ELECTRIC & GAS  
COMPANY'S AND SCANA  
CORPORATION'S CONSOLIDATED  
RESPONSES AND OBJECTIONS TO  
PLAINTIFFS' SECOND  
CONSOLIDATED  
INTERROGATORIES**

Pursuant to Rule 33 of the South Carolina Rules of Civil Procedure and Case Management Order No. 4 entered in this matter, Defendants South Carolina Electric & Gas Company ("SCE&G") and SCANA Corporation ("SCANA") (collectively, "Defendants"), submit these Consolidated Responses and Objections to Plaintiffs' Second Consolidated Interrogatories (the "Interrogatories").

**TERMS OF RESPONSE**

1. These responses reflect Defendants' information and belief as of the date on which these responses and objections are made and may be subject to change or modification based on further discovery or on facts or circumstances which may come to Defendants' attention at a later time. Discovery is ongoing and Defendants have not completed its investigation of the facts related to this case. Accordingly, Defendants reserve the right to supplement, revise, correct, clarify, or otherwise modify their responses and objections to the Interrogatories. Defendants also reserve the right to assert any other applicable objections to the Interrogatories and to object to any other demands relating to the subject matter of the responses herein. Defendants' responses to the Interrogatories are not intended to constitute a waiver of any rights or objections.



this Interrogatory to seek the cumulative performance factors for direct craft labor through each month.

Subject to and without waiving the foregoing objection, Defendants state that documents reviewed by Defendants indicate the following to-date cumulative performance factors for direct craft labor:

PF Month Measured	Cumulative PF to Date	Source Document
Nov-10	1.79	SCANA_RP0300378
Dec-10	1.72	SCANA_RP0300378
Jan-11	1.32	SCANA_RP0300378
Feb-11	1.25	SCANA_RP0300378
Mar-11	1.27	SCANA_RP0300378
Apr-11	1.18	SCANA_RP0300378
May-11	0.98	SCANA_RP0300378
Jun-11	0.95	SCANA_RP0300378
Jul-11	0.92	SCANA_RP0300378
Aug-11	0.92	SCANA_RP0300378
Sep-11	0.91	SCANA_RP0300378
Oct-11	0.86	SCANA_RP0460198
Nov-11	0.88	SCANA_RP0460198
Dec-11	0.86	SCANA_RP0460198
Jan-12	0.87	SCANA_RP0689209
Feb-12	0.90	SCANA_RP0689209
Mar-12	0.94	SCANA_RP0689209
Apr-12	0.95	SCANA_RP0255366
May-12	0.97	SCANA_RP0255366
Jun-12	1.01	SCANA_RP0274916
Jul-12	1.06	SCANA_RP0274916
Aug-12	1.08	SCANA_RP0274916
Sep-12	1.07 <	SCANA_RP0274916
Oct-12	1.09 <	SCANA_RP0301521
Nov-12	1.11	SCANA_RP0301521
Dec-12	1.14	SCANA_RP0616680
Jan-13	1.15	SCANA_RP0986727
Feb-13	1.16	SCANA_RP0986727
Mar-13	1.18	SCANA_RP0986727
Apr-13	1.18	SCANA_RP0986727
May-13	1.20	SCANA_RP0986727
Jun-13	1.21	SCANA_RP0986727

DL  
issued

Jul-13	1.22	SCANA RP0986727
Aug-13	1.25	SCANA RP0986727
Sep-13	1.29	SCANA RP0986727
Oct-13	1.30	SCANA RP0986727
Nov-13	1.33	SCANA RP0986727
Dec-13	1.35	SCANA RP0986727
Jan-14	1.38	SCANA RP0986727
Feb-14	1.38	SCANA RP0986727
Mar-14	1.39	SCANA RP0986727
Apr-14	1.41	SCANA RP0466186
May-14	1.42	SCANA RP0466186
Jun-14	1.43	SCANA RP0529038
Jul-14	1.45	SCANA RP0529038
Aug-14	1.46	SCANA RP0529038
Sep-14	1.47	SCANA RP0529038
Oct-14	1.49	SCANA RP0529038
Nov-14	1.51	SCANA RP0529038
Dec-14	1.53	SCANA RP0736288
Jan-15	1.55	SCANA RP0736288
Feb-15	1.56	SCANA RP0736288
Mar-15	1.57	SCANA RP0736288
Apr-15	1.60	SCANA RP0736288
May-15	1.62	SCANA RP0736288
Jun-15	1.62	SCANA RP0736288
Jul-15	1.62	SCANA RP0736288
Aug-15	1.63	SCANA RP0736288
Sep-15	1.66	SCANA RP0003806
Oct-15	1.69	SCANA RP0003806
Nov-15	1.72	SCANA RP0601825
Dec-15	1.74	SCANA RP0601825
Jan-16	1.76	SCANA RP0601825
Feb-16	1.77	SCANA RP0601825
Mar-16	1.86	[To be produced.]
Apr-16	1.87	SCANA RP0606374
May-16	1.90	SCANA RP0606374
Jun-16	1.90	[To be produced.]
Jul-16	1.91	SCANA RP0609428
Aug-16	1.94	SCANA RP0609428
Sep-16	1.96	SCANA RP0944396
Oct-16	1.99	SCANA RP0398460
Nov-16	2.02	SCANA RP0398460

V.C. Summer Units 2 &amp; 3 EPC/132177 &amp; 132178

Reporting Period: January 2015

**Target Construction Productivity (Direct Hire Labor)**

A	B	C	D	E (D/B)	F (C/D)	G	H	I	J (H/I)
Direct Construction Crafts	Target Work Hours	ITD Actual Hours	ITD Earned Hours	% Complete	To Date PF	Period Actual Hours	Period Earned Hours	Period PF	
Site Prep	671,390	540,457	527,351	78.5%	1.02	2,523	1,472	1.71	
Site Improvements	298,986	213,941	218,037	72.9%	0.98	4,714	1,819	2.59	
U/G Electric	148,475	84,531	78,424	52.8%	1.08	763	142	5.37	
U/G Valves	3,493	1,958	1,969	56.4%	0.99	0	0	0.00	
U/G Pipe	138,564	102,395	61,183	44.2%	1.67	1,178	279	4.22	
Concrete	4,075,545	1,893,113	1,009,383	24.8%	1.88	64,232	28,006	2.29	
Special Concrete and Coatings	37,390	30,108	14,996	40.1%	2.01	1,236	907	1.36	
Structural Steel	1,009,301	220,471	130,088	12.9%	1.69	15,765	3,668	4.30	
Buildings	116,107	215	67	0.1%	3.21	54	0	0.00	
A/G Electric	3,874,879	44,149	25,386	0.7%	1.74	1,577	558	2.83	
Instrumentation	459,137	977	454	0.1%	2.15	0	0	0.00	
A/G Valves	5,457	534	885	16.2%	0.60	0	0	0.00	
A/G Pipe	1,319,443	72,505	41,339	3.1%	1.75	4,086	958	4.27	
Pipe Welding/Hydro/Supports	2,364,291	120,367	69,206	2.9%	1.74	3,930	1,149	3.42	
Major Equipment	682,743	240,151	151,147	22.1%	1.59	4,939	1,402	3.52	
AP1000 Structural Modules	200,320	44,236	7,799	3.9%	5.67	6,663	0	0.00	
AP1000 Mechanical Equipment	13,263	12,827	2,570	19.4%	4.99	894	751	1.19	
AP1000 Piping Modules- Contain	14,254	0	0	0.0%	0.00	0	0	0.00	
AP1000 Piping Modules- Auxilia	2,560	287	0	0.0%	0.00	284	0	0.00	
Miscellaneous	12,762	1,832	1,443	11.3%	1.27	154	105	1.47	
<b>Total</b>	<b>15,448,360</b>	<b>3,825,054</b>	<b>2,341,727</b>	<b>15.2%</b>	<b>1.55</b>	<b>112,992</b>	<b>41,216</b>	<b>2.74</b>	

\* Miscellaneous includes: Demolition, Liner, Insulation, Ductwork, Startup &amp; Commissioning

## Ken's Analysis:

To Go Manhours 13,106,633  
 Direct FTE Expended 565  
 Direct FTE Earned 206  
 Average Craft Manpower on Site 1,715  
 Indirect Craft M-H (from Invoice) 150,000  
 Indirect FTE 750

Date	Total Craft	Craft on Site	FNM/Total	FNM/onSite
6-Jan	1948	1721	1025	646
12-Jan	1873	1685	1037	858
19-Jan	1890	1713	1046	889
26-Jan	1909	1741	1052	880
Average	1905	1715	1040	818.25

Months to Complete @ Jan Rate

318 Months  
26.5 YEARS

EXHIBIT

8

WITH: *Information*DATE: *10-19-18*

K. KIDWELL, RMR, CRR, CRC

*150,000 Indirect*  
*+ 51,338,101: 410 target costs*  
*1 - G.A. Profit*

**Crosby, Michael**

**From:** Albert, Craig <cmalbert@Bechtel.com>  
**Sent:** Thursday, February 05, 2015 6:00 PM  
**To:** Carter, Lonnie; Crosby, Michael; Crosby, Michael; Carter, Lonnie  
**Cc:** Adams, Mike A. (BGI); Troutman, Tyrone; Watson, Marty  
**Subject:** DRAFT Proposal from Bechtel  
**Attachments:** VC\_Summer\_Assessment\_Draft\_Proposal.pdf; ATTO00001.htm

Lonnie, Michael,

Attached is a draft of the proposal we committed to providing, and below is a draft of the text I would include in a letter transmitting the final formal proposal. Please advise of any changes you would like us to make.

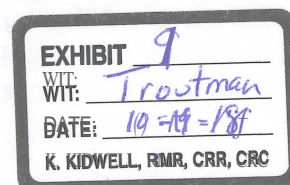
Look forward to hearing from you.

Craig

Dear Lonnie and Michael,

Thanks again for meeting with Mike Adams and me on January 24 to discuss the status of the V.C. Summer project. Successful delivery of this project is obviously essential for Santee Cooper, SCANA, and your contractors, but it is also vitally important to our industry and to Bechtel. We understand how important it is to you that the project be executed in the most prudent manner possible and that the new units be delivered at the earliest possible completion date.

Bechtel has supported a number of owners in performing independent assessments of complex EPC projects and we are committed to making a team of senior Bechtel personnel available to support such a review on V.C. Summer. We are very knowledgeable of the APO000 design basis and our broad experience with world-wide supply chain management, grass-roots nuclear construction, and executing mega projects that leverage large scale modularization provides us with the insight needed to understand the complexities and challenges to deliver this project.





Given the importance and magnitude of this project, I handpicked Bechtel Senior Vice President Mike Lewis to lead our proposed assessment team. Mike is one of our very best project managers for complex, mega projects and is currently serving as our corporate Manager of Construction, the most senior construction manager in Bechtel. In addition, we have included other senior managers on the team who have very successful history working at V.C. Summer.

In terms of the assessment, we propose that our team focus on understanding the current status and forecasted path to completion through various aspects of the project including: design; supply chain management, with emphasis on module fabrication; construction; and startup. With WEC's support, we can focus on getting a clear picture of the status of the WEC design and licensing efforts and evaluate how those activities may impact the future path to completion. Our team will review project metrics and reports; interview select owner and contractor personnel; and visit the site and key fabrication facilities to evaluate the health of the project execution plan and the thoroughness of the current forecast – from both a schedule and cost performance perspective.

Note that our review will focus on the methods and tools being used to manage project execution, changes, and risks, but will not review the attribution of past impacts or validity of any pending or future claims. Beyond the numbers, we plan to assess the degree to which all parties are aligned in a positive project culture focused on the quality and efficiency of project delivery. We will also look for potential opportunities to tailor contractor oversight given the current project status and circumstances.

As part of our assessment, we will provide you with our initial conclusions and recommendations focusing on the most prudent path forward, and what that means in terms of cost and schedule to improve the trajectory of the project. We are confident, based on our experience in the industry and with assisting owners in completing complex projects that we can provide recommendations that will help you and your current contractors with delivery of your project.

The effort for an assessment of this magnitude will require approximately 10 senior managers, will last 8 weeks in total, and will cost \$1 million. Attached is a DRAFT proposal that outlines and further defines the details for how the assessment will be executed, key members of the team, commercial considerations, documents and data that are needed from the project to support the assessment, and the proposed topics for the assessment report. Additional information on Bechtel's experience with the AP10000 technology and other relevant projects is also included.

We look forward to supporting you in this endeavor and are prepared to start at your request. I suggest we quickly set up a follow-on meeting with some of our key team leaders to further discuss this effort in detail and answer any of your questions. We are prepared to formally issue this proposal if it meets your expectations and can obviously incorporate any changes you would like. I would be happy to help finalize our proposal. Ty

Troutman, our General Manager for Nuclear Power, who is copied on this email and can be reached at [703-429-6284](tel:703-429-6284), can also help coordinate this follow on discussion. Please let me know of any questions.

Best regards,

Craig

\*\*\*\*\*

**WARNING** – This e-mail message originated outside of Santee Cooper.  
Do not click on any links or open any attachments unless you are confident it is from a trusted source.  
If you have questions, please call the IT Support Center at Ext. 7777.

\*\*\*\*\*





## Assessment Objective and Overview:

The objective of this assessment is to assist the owners of the V.C. Summer Nuclear Generating Stations Units 2 & 3 in better understanding the current status and potential challenges of the project as a first step in helping ensure the project is on the most prudent and cost efficient trajectory to completion. Bechtel proposes to assemble a team of senior subject matter experts experienced in the various aspects of nuclear and large scale complex project execution to perform this assessment. This team will be supported by the institutional knowledge of Bechtel's 4,400 person strong Nuclear, Safety and Environmental business unit that is the home of Bechtel's full-scope nuclear capabilities — i.e., "cradle to grave" experience from research and development and EPC project execution through commissioning and operations and decommissioning.

The team will evaluate the current status and forecasted completion plan through the design, supply chain, and construction aspects of the project. There will be focus on understanding the issues that have caused impacts to date, assessing the effectiveness of the mitigation plans put into place to address those issues, and reviewing the project management tools and work processes being employed to plan and execute the project, including change management, through completion and turnover of the units. For clarity, this team will not evaluate the ownership of past impacts or validity of pending or future claims. To accomplish this, we will leverage the lessons learned from helping owners assess and complete nuclear projects over the last 30 years, including ongoing work on the Watts Bar Unit 2 Completion and Olkiluoto 3 projects. The assessment will take place at the V.C. Summer site, select module fabrication facilities, and the design office (if supported by your contractors).

Outlined below are additional details for how the assessment will be executed, key members of the team, commercial considerations, documents and data that are needed from the project to support the assessment, and the proposed topics for the assessment report. Additional highlights of Bechtel's relevant project experience and with the AP1000 technology are also included.

As this project is one of the frontrunners in the next wave of new nuclear generation in the United States, the efficient execution of these units will set the tone for future efforts in the industry. Bechtel is confident we can apply our experience and lessons learned on complex nuclear projects to add value to the owners of the V.C. Summer plant as they assess their most prudent path to completion.

## Execution Approach:

Initially, a small team of senior Bechtel subject matter experts, experienced in mega project construction, nuclear new builds, and project management, will seek to gain a better understanding of the current state of the project. This "data validation phase" will last approximately one (1) week, will take place at the V.C. Summer site with your organization, and ideally include input from both WEC and CB&I. The goal during this phase of the assessment will be for our team to better understand the available project progress data and metrics and see how they compare to our project standards (i.e., the



level of detail included, who it is produced by, and the frequency with which it is published). The team will also gain insight into the execution control processes and seek to confirm some of the drivers of the current status. This phase would conclude with a validation of the path forward to complete the assessment, including denoting the required level of cooperation necessary by your contractors to produce the optimal evaluation and recommendations for the assessment. A list of the topics to be covered during this phase, along with the documents that should be provided as pre-read material to Bechtel is provided in Attachment 1.

With the completion of the data validation phase, the remainder of the assessment team will mobilize at the V.C. Summer site. Upon arrival, the Bechtel team will complete the required site access training (as necessary) to reduce the administrative burden on your team during our assessment. After completion of training, a kick-off meeting will be held between SCE&G/Santee Cooper and Bechtel to ensure alignment of goals and expectations as well as needed support. Following the kickoff meeting, a walk down of the V.C. Summer site including temporary facilities and laydown areas for material and equipment, will be necessary in order for the team to gain familiarity with the site layout before beginning the interview process with the SCE&G/Santee Cooper team.

Following the site walk down the assessment team will interview the SCE&G/Santee Cooper leadership team members. The list of the leadership team members in question will be provided at the conclusion of the data validation phase. The interviews will take place at the appropriate locations—namely at the site, WEC's design office or module fabrication facilities. The entire Bechtel team typically participates in each of the interviews as they are intended to provide the Bechtel team with a broad overview of each function/department and the major issues or concerns for each area. This information will assist the Bechtel team in understanding how the contractors are organized and managed and in gauging the current EPC culture and potential impacts to the execution approach on the project. Armed with this information the team will then focus its efforts on specific areas of concern during the functional breakout sessions. Should WEC/CB&I choose to participate, this same process will be performed with their leadership team.

With the completion of the leadership interviews, the Bechtel team will proceed to the functional breakout sessions. During this period, the Bechtel team will break out by their assigned functional area and work directly with your and WEC/CB&I's team managers responsible for their respective functions. The Bechtel team will focus on a review of the various tools, documents, and reports and their ability to support the efficient and timely planning, management and completion of the project. Because the Bechtel team members have cross-functional experience and expertise, it may become necessary for short periods of time for Bechtel team members working in other areas to temporarily redirect their efforts to specific issues as appropriate.

The completion of the assessment will take approximately seven (7) weeks following the initial data validation phase. The proposed table of contents for this report is provided in Attachment 2 below. Following your review of this report, Bechtel will meet with your team to discuss any questions you may have.